II. SPECIFICATION AMENDMENTS

Page 1, before line 1, insert:

    (a) TITLE OF THE INVENTION;

Page 1, line 1,

Method of Transmitting Messages Between Mobile Devices In A Wireless Network;

Page 1, line 2, insert:

    (b) CROSS-REFERENCE TO RELATED APPLICATIONS

      Not Applicable

    (c) STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT

      Not Applicable

    (d) INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A COMPACT DISC

      Not Applicable

    (e) BACKGROUND OF THE INVENTION

      (1) Field of the Invention;

Page 1, line 8, insert:

      (2) Description of Related Art including information disclosed under 37 CFR 1.97 and 1.98;

Page 5, line 20, insert:

    (f) BRIEF SUMMARY OF THE INVENTION;

Page 6, line 7, insert:

    (g) BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWINGS;

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Page 6, line 24, insert:

(h) DETAILED DESCRIPTION OF THE INVENTION;

Amend the paragraph from page 6, line 25, to page 7, line 17:

Hereinbelow, the method according to a preferred embodiment of the invention will be described in a message transmission system according to Fig. 1, applying a protocol stack according to Fig. 2. Let us assume that the user of a first terminal TE1 has activated an application A1, for example a browser application. In the terminal, there may also be other applications A2 which have been activated. In a way known as such a data transmission connection has been established between the terminal TE1 and a data transmission network NW1, such as a mobile communication network belonging to the message transmission system, to utilize the browser application for browsing and transmission of information. The data transmission connection is advantageously a packet-switched connection, wherein the connection does not allocate resources for the duration of the entire period of time during which the connection is on, but merely for the duration of data transmission. The user of the first terminal TE1 can advantageously utilize the browser application or another known application to produce a message to be transmitted. The user for example writes a message for the recipient of the message and supplements the message with an attachment. Thus, the application A1 conducts the act of framing the information transmitted in the message to be transferred to

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the lower layers in the protocol stack advantageously by means of a message interpreter MMS. In the WAP application this means that the frame FR1 of the application level is supplemented with a header field H2 according the WAP session layer WSP, as shown in Fig. 3. The frame FR1 of the application layer is placed in the data field D2 of the frame FR2 of the WAP session layer. If the frame of the entire application layer does not fit in one frame FR2 of the WAP session layer, the frame of the application layer is divided to be transmitted in several frames of the WAP session layer. From the WAP session layer the frames are transferred to the lower layers of the protocol stack, which is known as such.

Amend the paragraph on page 13, lines 1-16,

Fig. ~~3~~ 4 illustrates the parts essential for the function of a terminal applying the method according to a preferred embodiment of the invention. The terminals TE1, TE2 used here are wireless terminals. The terminal TE1, TE2 comprises a processor MPU and parts functionally connected to the processor: a memory MEM, a user interface UI and a radio part RF. The processor MPU is advantageously a microprocessor, a microcontroller or a digital signal processing unit (DSP, Digital Signal Processor). The memory MEM advantageously comprises non-volatile read-only memory (ROM), and random access memory (RAM). The radio part RF can transmit radio frequency signals, such as messages according to the WAP protocol and receive radio frequency signals, such as multimedia messages, via an antenna ANT. The user interface UI advantageously provides the user with

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a display and a keyboard so that the terminal TE1, TE2 can be used.